



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ying Zheng et al.

Confirmation No. 8420

Application No.: 10/661,397

Group Art Unit: 1761

Filing Date: September 11, 2003

Examiner:

For: STABILIZED AROMA-PROVIDING  
COMPONENTS AND FOODSTUFFS CONTAINING  
SAME

Attorney Docket No.: 88265-7228

**SECOND REQUEST FOR CORRECTION OF FILING RECEIPT**

Office of Initial Patent Examination  
Customer Service Center  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

A filing receipt for the above-identified application has been received and the following corrections are respectfully requested:

Please insert the priority data to read as follows:

Under Domestic Priority Data:

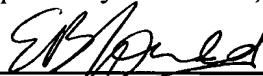
After "This application is a CON of PCT/EP02/02866 03/13/2002"  
please insert

-- which claims the benefit of 60/278,506 filed March 23, 2001 --

Copies of the incorrect filing receipt, cover page of publication no. WO 02/276237 along with a copy of the inventors' declaration are enclosed herewith in support of this change. No fee is believed to be due for this submission. Please charge any required fees to WINSTON & STRAWN LLP Deposit Account No. 50-1814.

Date: April 13, 2004

Respectfully submitted,

  
\_\_\_\_\_  
E. Bradley Gould (Reg. No. 41,792)  
For Allan A. Fanucci (Reg. No. 30,256)  
**WINSTON & STRAWN**  
**CUSTOMER NO. 28765**  
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Enclosures



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/661,388	09/11/2003	1761	750	88265-7027		13	1

28765  
 WINSTON & STRAWN  
 PATENT DEPARTMENT  
 1400 L STREET, N.W.  
 WASHINGTON, DC 20005-3502



CONFIRMATION NO. 8415

## FILING RECEIPT



\*OC000000011703069\*

Date Mailed: 01/15/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

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## Domestic Priority data as claimed by applicant

This application is a CON of PCT/EP02/02866 03/13/2002  
*WHICH CLAIMS THE BENEFIT OF 60/278,506 FILED MARCH 23, 2001*

## Foreign Applications

If Required, Foreign Filing License Granted: 01/15/2004

Projected Publication Date: 04/22/2004

Non-Publication Request: No

Early Publication Request: No

## Title

Stabilization of aroma-providing components

RECEIVED

JAN 19 2004

WINSTON & STRAWN  
 DOCKETING DEPT. (D.C.)

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



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3 October 2002 (03.10.2002)

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(10) International Publication Number  
**WO 02/076239 A2**

(51) International Patent Classification<sup>7</sup>: **A23L 1/00**

(21) International Application Number: **PCT/EP02/02866**

(22) International Filing Date: **13 March 2002 (13.03.2002)**

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:  
60/278,506 23 March 2001 (23.03.2001) **US**

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(81) Designated States (national): **AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,  
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,  
SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,  
VN, YU, ZA, ZM, ZW.**

(84) Designated States (regional): **ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR,**

**GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent  
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,  
NE, SN, TD, TG).**

**Declarations under Rule 4.17:**

— *as to applicant's entitlement to apply for and be granted  
a patent (Rule 4.17(ii)) for the following designations AE,  
AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA,  
CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES,  
FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,  
MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU,  
SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG,  
UZ, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS,  
MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent  
(AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent  
(AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU,  
MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI,  
CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*

— *as to the applicant's entitlement to claim the priority of the  
earlier application (Rule 4.17(iii)) for the following desig-  
nations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,  
BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC,  
EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN,  
IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,  
MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR,  
TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, ARIPO patent  
(GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,  
GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ,  
CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,  
TG)*

— *of inventorship (Rule 4.17(iv)) for US only*

**Published:**

— *without international search report and to be republished  
upon receipt of that report*

*For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.*

(54) Title: **STABILIZATION OF AROMA-PROVIDING COMPONENTS**

(57) Abstract: A process for stabilizing an aroma-providing component such as coffee aroma against loss or degradation of desirable flavor or sensory characteristics of its aroma during storage. The aroma-providing component is associated with a stabilizing agent in an amount effective to chemically interact with undesirable compounds to form a stabilized aroma-providing component which (a) retains a significant portion of one or more of the desirable flavor or sensory characteristics of the aroma in the aroma-containing component during storage, or (b) reduces off flavor generation during storage of the aroma-providing component. The stabilizing agent preferably is a nucleophile that contains sulfur or nitrogen, such as sulfur dioxide, sulfites, compounds that contain or generate thiols, amines or amino acids, cysteine, glutathione or an enzyme. The stabilized aroma-providing component retains the desirable flavor and sensory characteristics of the aroma for a time period of at least six months to one year or longer.

WO 02/076239 A2



NO 7027

File No. 88265-7027

**DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION\***

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled :

**STABILIZATION OF AROMA-PROVIDING COMPONENTS**

and for which a patent application:

- ☐ is attached hereto  
☐ which is identified by docket No. 88265-7027  
☒ was filed on March 13, 2002, as International Application No. PCT/EP02/02866.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION				
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	
			YES <input type="checkbox"/>	NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

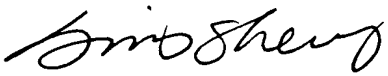
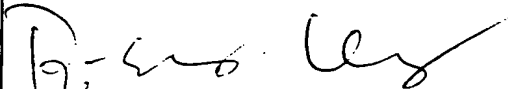
PROVISIONAL APPLICATION NUMBER	FILING DATE
60/278,506	March 23, 2001

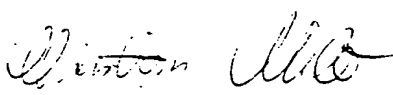
\* for use only when the application is assigned to a company, partnership or other organization.

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

NON-PROVISIONAL APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

2 0 1	FULL NAME OF INVENTOR	LAST NAME <b>ZHENG</b>	FIRST NAME <b>Ying</b>	MIDDLE NAME	
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	SIGNATURE OF INVENTOR 201 			DATE <b>4/9/2002</b>	
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	SIGNATURE OF INVENTOR 203 			DATE <b>April 9, 2002</b>	

2 0 4	FULL NAME OF INVENTOR	LAST NAME <b>MILO</b>	FIRST NAME <b>Christian</b>	MIDDLE NAME	
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		SIGNATURE OF INVENTOR 204 		DATE 